

2003

**Summer
Capacity Survey**

**Wabash Valley Power
Association, Inc.**

**Rick Coons
Senior Vice President**

Summer Actions

- ✦ Adequate Generation Supply
- ✦ Direct-Load Control
- ✦ Customer Payback Plan
- ✦ Power Supply Emergency Plan
- ✦ Future Capacity Plans
- ✦ Transmission

2003

Historical Summer Peak

2001

1034 MW

2002

1079 MW

New Members

- ✦ Corn Belt Energy
- ✦ MJM Electric Cooperative
- ✦ Enerstar Power Corp

2003 Summer Peak Projections

✦ **Megawatts**

| <u>June</u> | <u>July</u> | <u>August</u> |
|-------------|-------------|---------------|
| 1220 | 1300 | 1300 |

Power Supply Resources

| | <u>June</u> | <u>July</u> | <u>Aug</u> |
|--------------------|-------------|-------------|-------------|
| . | | | |
| ✦ Gibson Unit #5 | 156 | 156 | 156 |
| ✦ Firm Purchase | 482 | 561 | 561 |
| ✦ System Firm | 65 | 65 | 65 |
| ✦ Unit Contingent | 529 | 529 | 529 |
| ✦ Load Control | 45 | 45 | 45 |
| ✦ Customer Payback | 20 | 20 | 20 |
| . | <u>1297</u> | <u>1376</u> | <u>1376</u> |

Direct-Load Control

| | |
|---------------------------|-------|
| ✦ Air Conditioner Control | 11 MW |
|---------------------------|-------|

| | |
|----------------|-------|
| ✦ Water Heater | 25 MW |
|----------------|-------|

| | |
|---------|-------------|
| ✦ Misc. | <u>9 MW</u> |
|---------|-------------|

(pool pumps, voltage control, irrigation, etc.)

| | |
|-------|-------|
| TOTAL | 45 MW |
|-------|-------|

Customer Payback Plan

- ✦ **Introduced in 1999,
continued in 2003**
- ✦ **Voluntary Interruption Program**
- ✦ **Projected Benefit of 20 MWs**

Power Supply Emergency Plan

- ✦ **Level 1 Alert**
(Load Curtailments)
- ✦ **News Media**
- ✦ **Cancel Sales, Request Emergency Service**
- ✦ **Level 4 Alert**
(Interruptible Customers Curtailed)

Future Power Supply/ Demand Side Plans

✦ Recent Acquisitions (2003)

- | | |
|-----------------------------|--------|
| ✦ LM 6000 Project (2005) | 86 MW |
| ✦ AEP Base Purchase (2006) | 100 MW |
| ✦ Peaking Purchase (2006) | 100 MW |
| ✦ New Landfill Methane Gen. | 6 MW |
| ✦ Base Purchase (2005) | 100MW |

Future Power Supply/ Demand Side Plans

✦ Recent Acquisitions (2003)

| | |
|---------------------|--------|
| ✦ Asset Acquisition | 148 MW |
| (Proposed) | |

Future Power Supply

✦ Future Plans

- ✦ Evaluate new coal and coal gasification projects
- ✦ Evaluate new combined cycle projects
- ✦ Evaluating purchase of existing peaking units

Transmission

- ✦ WVPA operates in eight control areas- Cinergy, Ipalco ,Aep, Consumers, Nipsco, Ameren, Dynegy and Cilco
- ✦ WVPA will eventually operate in two RTO's
- ✦ Issues:elimination of grandfathered agreements, seams issues, FTR's, pancaking of RTO charges